

Accordingly what is sought to be protected is set forth in the appended claims.

I CLAIM:

5 1. A frame for a leg exerciser for the wheelchair bound comprising a two section longitudinal center member and two end members. Said two section longitudinal center member is adjustable to be lengthened or shortened to suit the users leg length. First section of said two section
10 longitudinal center member has a series of longitudinally spaced transvers circular holes formed through the opposing verticle side portions (its square tube shape is narrower than the second section and is inserted into the second section of the two section center member in a sleeve like
15 manner both said sections of the two section longitudinal are locked in a fixed position of desired length by a detent pin inserted into a circular hole in the verticle side portion of the frame. The said frame from a top view has the form of an elongated I, the two end members are parallel
20 opposing each other and the two section center member is centered between the two end members. When positioned with a wheelchair for exercising the end member at the near end of the wheelchair fits behind the front wheels of the said wheelchair and in front of the large rear wheels, the said
25 end member that fits behind the front wheels has retaining plates attached at opposing ends of said end member. These said retaining plates are proportionately spaced to make

contact with the two small front wheels of the wheelchair and serve as retaining means for the exercise apparatus with the wheelchair. The said frame is designed to serve as a supporting entity for a leg exercise apparatus for the wheelchair user.

2. A leg exerciser for the wheelchair user comprising a frame having a two section longitudinal center member and two end members. The said two section longitudinal center member is adjustable to be lengthened or shortened to suit 10 the user's leg length. The first section of (the said) two section longitudinal center member has a series of longitudinally spaced transverse circular holes formed through the opposing vertical side portions, its square tube outside shape is narrower than the second section and is 15 inserted into the second section of the two section longitudinal center member in a sieve-like manner, both said sections of the two section longitudinal center member are locked in a fixed position of desired length by a detent 20 pin inserted into a circular hole in the vertical side portion of the frame. The said frame from a top view has the form of an elongated I, the two end members are parallel opposing each other and the two section center member is centered between the two end members. When 25 position with a wheelchair for exercising the end member at the near end of the wheelchair fits behind the front wheels of the said wheelchair and in front of the large rear wheels, the said end member fits behind the

front wheels has retaining plates attached at opposing ends of said end member. These retaining plates are proportionately spaced to make contact with the two small front wheels of the wheelchair and serve as retaining 5 means for the exercise apparatus with the wheelchair; A radius arm pivotally mounted on respective section of said two section longitudinal center member; foot pedal means attached to said radius arm by a connecting rod attached to top of said radius arm at the center point of said 10 connecting rod; a shock absorber attached between said radius arm and respective section of the two section longitudinal frame member for causing resistance against the compression caused by pressure on said foot pedals; and elastic bands connected between said frame and said 15 radius arm for generating a return force and exercise resistance against said foot pedal means; a longitudinal center section frame member that is moveable which supports said foot pedal means.

3. The exerciser of claim 2 whereas the elastic 20 bands are removeable and replaceable with elastic bands of varying degrees of resistance and return force.

4. The exerciser of claim 2 whereas the exerciser (may include a handle for positioning the exerciser.

4. The exerciser of claim 2 whereas the retaining plates (may include) triangular bracing

5. The exerciser of claim 2 wherein the foot pedals may include heel-braces and straps.

6. The exerciser of claim 2 wherein section 3 of the two section longitudinal may include more than six 5 transverse circular holes for increase longitudinal elongation.

7. The exerciser of claim 2 wherein the exerciser may include two radius arms and two shock absorbers.

8. The exerciser of claim 2 wherein foot pedals are 10 pivotally attached

9. The exerciser of claim 2 wherein the force exerted on said footpedals causes a portion of the front wheels of wheelchair to securely engage said retaining plates

10. The exerciser of claim 2 wherein the exerciser used during a recovery process may be used with a basic 15 four legged chair.

11. The exerciser of claim 2 wherein the force exerted on said foot pedals causes the two front legs of a basic four legged chair to securely engage said end member 4

20 12. A leg exerciser for the disabled that may be used with a wheelchair or basic four legged chair comprising: frame means for supporting a leg exerciser; said frame means including an end member utilized as a retaining means attached to said frame means for retaining 25 a portion of the front wheels of a wheelchair or the two front legs of a basic four legged chair to be retained therein, resistance means attached to said frame means for providing resistance to the legs of a person; return force

means attached to said resistance means and to said frame means for generating a return force to return said resistance means to an initial position and foot pedal means attached to said frame means and to said resistance means 5 and said return force means for supporting the feet of a person; and adjustment means integrated into said frame means to suit the various lengths of different users legs.

13. The exerciser of claim 12 wherein an end member includes a moveable section or sections for positioning 10 the apparatus for exercising.

15

20